

# [Four-Dimensional Resource Allocation System]

## Abstract of Disclosure

The present system is able to allocate resources to a system of tasks and calculate an optimum assignment plan with a set of user-adjustable criteria. In easier conditions, this is not difficult, but the problem becomes more complex when constraints are added. For example, choosing the best resource for a task when there are multiple variables to consider is not easy. This system uses a weighted average with user-defined scaling factors to decided the optimum condition of when and which resource to use. This allows each assignment plan to very closely match what the user has in mind.

## Figures